

REMARKS

Claims 1-10 are pending. Claims 9-10 have been added. Support for the new claims is found at least at par. [0019] of the present application. No new matter has been added.

The Office Action rejects claims 1 and 6 under 35 U.S.C. 102(b) as being anticipated by Rittenbach (U.S. Patent No. 4,378,559). Applicants respectfully assert that Rittenbach fails to disclose or suggest the features of claims 1 and 6 which include the phase shifter (4) being arranged as a non-reciprocal phase shifter, so that high-frequency receive signals received from the antennas (2, 3) are applied to the power divider (1) without a phase difference. Rittenbach is directed to a radar antenna system that permits three-dimensional beam switching in at least four different directions in space. Rittenbach describes the phase shifters as being of the type disclosed in FIG. 60 of "RADAR HANDBOOK" by Merrill Skolnik. Rittenbach does not disclose or suggest the use of a non-reciprocal phase shifter, so that high-frequency receive signals received from the antennas (2, 3) are applied to the power divider (1) without a phase difference.

The Office Action rejects claims 2, 3, 7 and 8 under 35 U.S.C. 103 as being obvious over Rittenbach in view of Coe (U.S. Patent No. 4,812,855). Applicants respectfully assert that the combination of Rittenbach and Coe fails to disclose or suggest the features of claims 2, 3, 7 and 8 which include the phase shifter (4) being arranged as a non-reciprocal phase shifter, so that high-frequency receive signals received from the antennas (2, 3) are applied to the power divider (1) without a phase difference. As described above, Rittenbach is directed to a radar antenna system that permits three-dimensional beam switching in at least four different directions in space and does not describe the use of a non-reciprocal phase shifter, so that high-frequency

receive signals received from the antennas (2, 3) are applied to the power divider (1) without a phase difference. Coe is directed to a dipole antenna and does not describe any phase shifters, let alone the non-reciprocal phase shifter of claims 2, 3, 7 and 8, which provides for the high-frequency receive signals being received from the antennas (2, 3) to be applied to the power divider (1) without a phase difference.

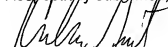
The Office Action rejects claims 4 and 5 under 35 U.S.C. 103 as being obvious over Rittenbach. As described above, Rittenbach does not disclose or suggest the feature of claims 4 and 5 of a non-reciprocal phase shifter, so that high-frequency receive signals received from the antennas (2, 3) are applied to the power divider (1) without a phase difference.

Claims 9 and 10 depend from claims 1 and 6, respectively, and, thus, for the reasons described above are allowable over the art and combination of art cited above.

Accordingly, for at least the above-described reasons, withdrawal of the rejections is respectfully requested. Favorable consideration and early issuance of the Notice of Allowance are respectfully requested.

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Respectfully submitted,



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